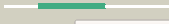

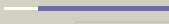

















# Phyre2

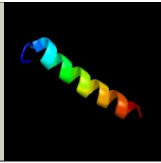
Email	mdejesus@rockefeller.edu
Description	RVBD2422_(-)_2719093_2719365
Date	Wed Aug 7 12:50:04 BST 2019
Unique Job ID	cafc8af67382a4e4

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c5wzfb_</a>	 Alignment		43.1	25	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> 23s rrna-specific endonuclease vapc20; <b>PDBTitle:</b> crystal structure of mycobacterium tuberculosis vapc20 (rv2549c),2 sarcin-ricin loop cleaving toxin
2	<a href="#">d1w8ia_</a>	 Alignment		17.7	24	<b>Fold:</b> PIN domain-like <b>Superfamily:</b> PIN domain-like <b>Family:</b> PIN domain
3	<a href="#">c5uvdA_</a>	 Alignment		17.4	28	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> nucleotidyltransferase-like protein; <b>PDBTitle:</b> crystal structure of an antigenic nucleotidyltransferase-like protein2 from paracoccidioides brasiliensis
4	<a href="#">c5x3td_</a>	 Alignment		9.3	24	<b>PDB header:</b> antitoxin/toxin <b>Chain:</b> D: <b>PDB Molecule:</b> ribonuclease vapc26; <b>PDBTitle:</b> vapbc from mycobacterium tuberculosis
5	<a href="#">d1ejxc2</a>	 Alignment		9.2	58	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Metallo-dependent hydrolases <b>Family:</b> alpha-subunit of urease, catalytic domain
6	<a href="#">d1e9yb2</a>	 Alignment		9.1	58	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Metallo-dependent hydrolases <b>Family:</b> alpha-subunit of urease, catalytic domain
7	<a href="#">d1m6ya1</a>	 Alignment		8.3	83	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> Putative methyltransferase TM0872, insert domain <b>Family:</b> Putative methyltransferase TM0872, insert domain
8	<a href="#">c6f74B_</a>	 Alignment		8.3	47	<b>PDB header:</b> flavoprotein <b>Chain:</b> B: <b>PDB Molecule:</b> alcohol oxidase; <b>PDBTitle:</b> crystal structure of vao-type flavoprotein mtvao713 from2 myceliophthora thermophila c1
9	<a href="#">d1wg8a1</a>	 Alignment		8.3	100	<b>Fold:</b> SAM domain-like <b>Superfamily:</b> Putative methyltransferase TM0872, insert domain <b>Family:</b> Putative methyltransferase TM0872, insert domain

10 [c6culG\\_](#)

Alignment



6.2

42

**PDB header:**transferase  
**Chain:** G: **PDB Molecule:**pyoverdine synthetase f;  
**PDBTitle:** pvdf of pyoverdin biosynthesis is a structurally unique  
n10-2 formyltetrahydrofolate-dependent formyltransferase